BIRCH, STEWART, KOLASCH & BIRCH, LLP

PLEASE NOTE: YOU MUST COMPLETE THE POLLOWING

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COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (I only one inventor is named below) or an original first and joint inventor (I only one inventor is named below) or an original first and joint inventor (II only one inventor is named below) or an original first and joint inventor (II only one inventor is named below).

	inventors are named by	how) of the supject watter which is claimed	one inventor is named below) or an original for which a patent is sought on the	final, first and joint inve invention entitled:	utar (U phus				
Insert Title:	FRACTIONATOR AND								
FIII in Appropriete	the specification of which	h is attached hereto. If not attached hereto,	the application is identified by the attorn	rev docket mimber as w	et footh				
	above and/or the following:								
byfocustion - For Use Without	The specification was filed on								
Specification	and amended on (if applicable) and/or the specification was filed on as PCT								
Attached:	the specification was filed on January 20,2005 International Application Number PCT/JP2005/000638								
	amended on			(lí appli					
	. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.								
	I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations.								
Insert Priority	I do not know and or patented or describe application, that the san invention has not been foreign to the United Smouths for designs) princountry foreign to the United I hereby claim foreign to the inventor's certificate list	do not believe the same was ever known of in any printed publication in any counte was not in public use or on sale in the United patented or made the subject of an investates of America on an application filed lor to this application, and that no application tited States of America prior to this application priority benefits under Title 35, United below and have also identified below attention on which priority is claimed:	nited States of America more than one year or securificate issued before the date by me or my legal representative or associan by me or my legal representatives of associan by me or my legal representatives of the date of the patent of the legal representatives of the legal re	or more than one year ear prior to this applicate of this application in signs more than twelve this invention has been a sasigns, except as folk	prior to this Hon, that the my country months (six a filed in any mes. t or a filing date				
Information:	2004-013253	Japan	January 21, 2004	_					
(if appropriate)	(Number)	(Country)	(Month/Day/Year Filed)	Xe X	No				
	2004-023080	Ј ар да	Jammy 30_2004 -	57					
	(Number)	(Country)	(Month/Day/Year Filed)	Yes	No				
	(Number)	(Country)	(Month/Day/Year Filed)	Yes	No.				
	(Number)	(Country)	Month (Day (Year Filed)						
	(Number) (Country) (Month/Day/Year Filed) Yes No I hereby claim the benefit under Title 35, United States Code, \$119(e) of any United States provisional applications(s) listed below.								
Insert Provisional Application(s): (if any)	(Application Number)		(Filing Date)	•					
	(Application Number)		(Filing Date)						
	All Foreign Applications, if any, for any Patent or inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:								
Insert Requested Information: (if appropriate)	Country	Application Number	Date of Filing (Month	/Day/Year)					
	States and/or PCT applic to disclose information w	under Title 35, United States Code, §1 20 or d below and, insofar as the subject matter ation in the manner provided by the first phich is material to the patentability as defin the prior application and the national or Po	or each of the claims of this application is eragraph of Title 35, United States Code and in Title 37, Code of Forders Republic	s not disclosed in the p c, \$112. I acknowled	rior United				
Application(s): (if any)	(Application Number)	(Filing Date)	(Status - patented, per	nding, abandoned)	-				
Page 1 of 4	(Application Ninetary			:	_				
(Rev. 11/2005)	(Application Number)	(Filing Date)	(Status - patented, per	Moreheads while					

(Filing Date)

(Status - patented, pending, abandoned)

I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

CUSTOMER NO. 02292 (BIRCH, STEWART, KOLASCH & BIRCH, LLP)
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Pall Name of Figs; or Solv Inventor: baset Name of	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE/	DATE.			
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Page 2 of 4 (Rev. 11/2005)

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Page 3 of 4 (Rev. 11/2005)

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